01-27-00

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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032
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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. SO-3170

First Inventor or Application Identifier Bunch et al.

Title Biomarkers and Assays for Carcinogenesis

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Express Mail Label No. EJ482621614US

Label No. [E]482621614US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			Assistant Commissioner for Patents  ADDRESS TO:  Box Patent Application  Washington, DC, 20231					
2. X Specification (preferred arrang - Descriptive ti - Cross Refere - Statement Reference of Statement Reference)	ttal Form (e.g., PTO/SB/17) nal and a duplicate for fee processing [Total Pages 49] gement set forth below) ttle of the Invention ences to Related Applications egarding Fed sponsored R & D Microfiche Appendix	<b>—</b> ,	5. Microfiche Computer Program (Appendix)  6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. X Computer Readable Copy  b. X Paper Copy (identical to computer copy)  c. X Statement verifying identity of above copies					
	of the Invention		ACCOMPANYING APPLICATION PARTS					
- Brief Descrip - Detailed Des - Claim(s) - Abstract of th  3. X Drawing(s) (35  4. Oath or Declaration  a. Newly b. Copy for con  i	Total Pages  Executed (original or copy)  from a prior application (37 C.F.F.  initiation/divisional with Box 16 comp  DELETION OF INVENTOR(S)  Signed statement attached de inventor(s) named in the prior ap  see 37 C.F.R. §§ 1.63(d)(2) and  NORDER TO BE ENTITLED TO PAY SMA ATEMENT IS REQUIRED (37 C.F.R. § 1.27)  APPLICATION IS RELIED UPON (37 C.F.F.	7. Assignment Papers (cover sheet & document(s))  8. 37 C.F.R.§3.73(b) Statement Power of (when there is an assignee)  9. English Translation Document (if applicable)  1. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations  1. Preliminary Amendment  2. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  * Small Entity Statement filed in prior application Status still proper and desired  4. (PTO/SB/09-12) Certified Copy of Priority Document(s) (if foreign priority is claimed)  5. Other:						
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:  Continuation  Divisional  X  Continuation-in-part (CIP)  of prior application No:  60/118,078  For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
reference. The incorporation			ENCE ADDRESS					
Customer Number or	:	No. or Attac	or 🖾 Correspondence address below ach bar code label here)					
Name Monsan	to/G. D. Searle & Co.							
Address Patent I PO Box	Department Central 5110							
City Chicago	)		IL Zip Code 60680-5110					
Country	Telepl	hone .	314-737-6257 Fax 314-737-5452					
Name (Print/Type) S Signature	tasia L. Ogden Alatallet a Ocio	iin	Registration No. (AttorneyiAgent) 36,228  Date 1/25/00					

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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## E TRANSMITTAL

Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$) 1696.00

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C	70	
Application Number	UNKNOWN	A C
Filing Date	01/25/00	S.
First Named Inventor	Bunch et al	200
Examiner Name	UNKNOWN	25
Group / Art Unit	UNKNOWN	jc
Attorney Docket No.	SO 3170	

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge indicated tees and credit any over payments to:		DITIC Entity Fee		Entity Fee		Paid		
Deposit Account 19-1025		( <b>\$</b> ) 130	205	( <b>\$</b> ) 65	Surcharge - late filing fee or oath			
Number Deposit Account G. D. SEARLE & C O.	105 127	50	227	25	Surcharge - late provisional filing fee or cover sheet.			
Name	139	130	139	130	Non-English specification			
Charge Any Additional Fee Required Under Charge the Issue Fee Set in 37 C.F.R. §1.18 at the Mailing	147	2,520	147	2,520	For filing a request for reexamination			
37 C.F.R. §§ 1.16 and 1.17 of the Notice of Allowance	112	920*	112	920°	Requesting publication of SIR prior to Examiner action			
2. X Payment Enclosed:  Check Money Other  Order	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
	115	110	215	55	Extension for reply within first month			
FEE CALCULATION	116	400	216	200	Extension for reply within second month			
1. BASIC FILING FEE	117	950	217	475	Extension for reply within third month			
Large Entity Small Entity	118	1,510	218	755	Extension for reply within fourth month			
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128	2,060	228	1,030	Extension for reply within fifth month			
1 <b>7</b> 60 <b>790</b> 201 395 Utility filing fee 760.00	119	310	219	155	Notice of Appeal			
106 330 206 165 Design filing fee	120	310	220	155	Filing a brief in support of an appeal			
107 540 207 270 Plant filing fee	121	270	221	135	Request for oral hearing			
108 790 208 395 Reissue filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding			
114 150 214 75 Provisional filing fee	140	110	240	55	Petition to revive - unavoidable			
SUBTOTAL (1) (\$) 760.00		1,320	241	660	Petition to revive - unintentional			
2. EXTRA CLAIM FEES	142	1,320	242	660	Utility issue fee (or reissue)			
Fee from Extra Claims below Fee Paid	143	450	243	225	Design issue fee			
Total Claims $33 - 20^{-4} = 13$ x $18.00 = 234.00$			244	335	Plant issue fee			
Independent 12 - 3** = 9 x 78.00 = 702.00		130	122	130	Petitions to the Commissioner			
Multiple Dependent 0 = 0		50	123	50	Petitions related to provisional applications			
**or number previously paid, if greater, For Reissues, see below		240	126	240	Submission of Information Disclosure Stmt			
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)		40	581	40	Recording each patent assignment per property (times number of properties)			
103[8,020] 203 11 Claims in excess of 20	146	790	246	395	Filing a submission after final rejection			
10278, <b>(%2</b> ) 202 41 Independent claims in excess of 3					(37 CFR 1.129(a))			
104 270 204 135 Multiple dependent claim, if not paid	149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))			
109 82 209 41 ** Reissue independent claims over original patent		Other fee (specify)						
110 22 210 11 ** Reissue claims in excess of 20 and over original patent		Other fee (specify)						
SUBTOTAL (2) (\$) 936.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0								

SUBMITTED B	Υ	Complete (if applicable)			
Typed or Printed Name	Stasia L. Ogden			Reg. Number	36,228
Signature	Starie Wysen	Date U	25100	Deposit Account User ID	

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bunch et al.

Filed: 01/25/00

For: BIOMARKERS AND ASSAYS FOR CARCINOGENESIS

Assistant Commissioner for Patents Washington, D.C. 20231

## **EXPRESS MAIL CERTIFICATE**

"Express Mail" label number EJ482621614US Date of Deposit 01/25/00

I hereby state that the following attached paper or fee

Statement under 1.821
Paper copy of Sequence listing (pages 1-203)
Computer Readable copy of Sequence listing
Utility Patent Application Transmittal
Fee Transmittal in duplicate
Specification(pages 1-250, with Seq. List)
Return Receipt postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to Box New Application Assistant Commissioner for Patents, Washington, D.C. 20231.

Rachel A, Polster

Signature of person mailing paper or fee